



OFFICE OF THE SECRETARY OF DEFENSE  
WASHINGTON, D.C. 20301

1 February 1974

DDI-368-74

MEMORANDUM FOR: DIRECTOR, CENTRAL INTELLIGENCE

SUBJECT: Bayesian Methodologies in Analysis

Recently I received from [redacted] a test product, 25X1  
The Likelihood of a Major North Vietnamese Military  
Offensive: A Bayesian Analysis Report. This is an  
interesting and very encouraging step towards the use  
of new methods of analysis and in particular the com-  
munication of probability judgments directly to con-  
sumers. It coincides with an effort I have asked DIA  
to initiate in response to guidance I received from  
Jim Schlesinger. He has asked for an experimental  
product employing substantially the same methodology.  
I coincidentally chose the same question. I intend to  
provide him both DIA's and CIA's outputs for his  
reaction to this sort of product and to see which of  
the two formats he finds easier to read.

Please pass my compliments to Ed Proctor, [redacted] STAT  
and those in OPR who are engaged in this effort.

A handwritten signature in cursive script, reading "Andrew W. Marshall", is located below the typed name.

ANDREW W. MARSHALL  
Director, Net Assessment

MEMORANDUM FOR: Messrs. ~~Director~~/Walsh

Would you believe that Andy Marshall, coincidentally, also is experimenting with a Bayesian-type effort and on the same question as OPR's?

It's true!

Apparently de Poix was not aware of this-- at least he didn't mention it at USIB.

I will send a copy to ☐ *OK*

☐ *1/8/74*

*Ised for BC*

*File: Defense*

7 Feb 74  
(DATE)

FORM NO. 101 REPLACES FORM 10-101  
1 AUG 54 WHICH MAY BE USED.

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